

Welcome to GSA Fleet's Desktop Workshop



Audio: Everyone is automatically muted. Listen via your computer audio if possible.



Presentation & Certificate: You can download a copy of the presentation at <https://www.gsa.gov/gsa-fleet-training>

Additionally, a copy of the presentation along with a certificate will be emailed after the session.



Questions: Use the Q&A window to ask questions at any time. You may get a typed response or it may be answered aloud at the end of the presentation.



Recorded: The session will be recorded.

Recordings of GSA Fleet Desktop Workshops are available at: <http://bit.ly/DtWRecordings>

Desktop Workshop

Federal Fleet - Open Data Visualization Tool

You can download a copy of this presentation at: <https://www.gsa.gov/gsa-fleet-training>

**Presented by: Stephanie Anderson & Jim
Vogelsinger, GSA Office of Government-wide Policy**
July, 2021

Federal Fleet Data

- Data, Data, Data
- What is it?, Where is it? What can we do with it?
- Take a Look



Federal Fleet Data Reporting

- Agencies submit vehicle level data to the Federal Automotive Statistical Tool (FAST).
- FAST is an online application operated jointly by GSA & DOE.
- FAST benefits:
 - Report data to a single system to satisfy multiple reporting mandates throughout the year.
 - Responsive to the Government's needs and can quickly integrate new requirements.

Federal Fleet Data Reporting

Defined data elements required for each vehicle:

- Basic vehicle attributes
- Costs
- Fuel Consumption
- Mileage
- Vehicle's compliance-related characterization

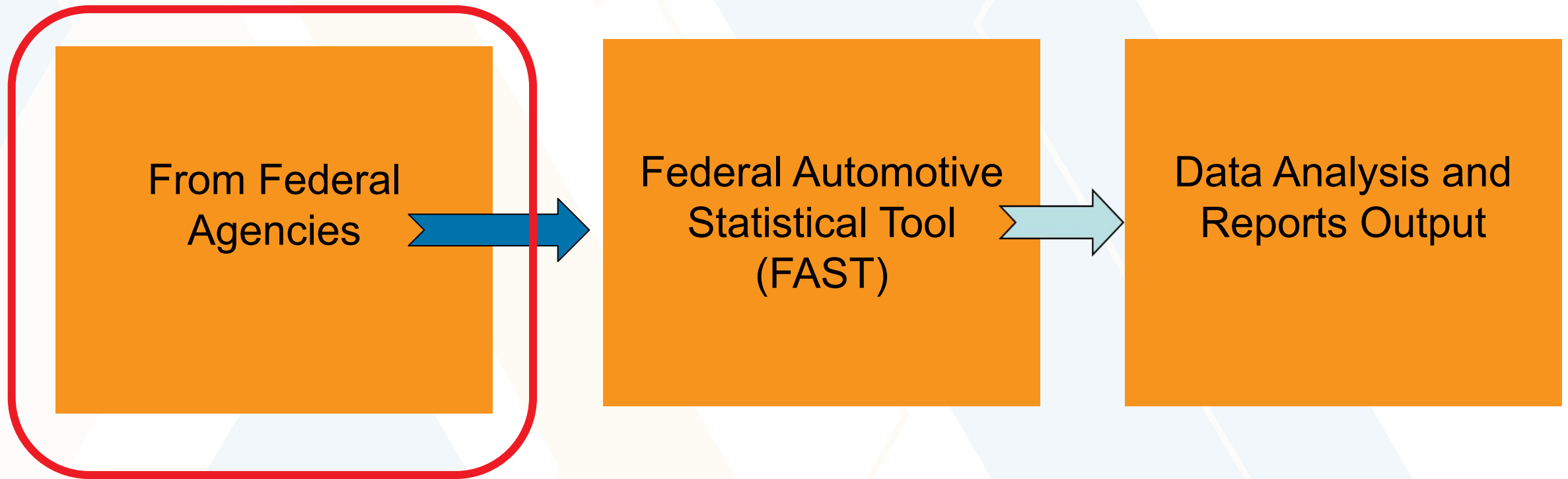
Data Element Reference

Fleet Information			
Identifier	Element Name	Type/Format	Description
FL-1	Fleet Abbreviation	Text	Fleet abbreviation/identifier; must be unique within agency and must correspond to exactly one existing element within the agency's organizational hierarchy within FAST for the year for which data are being collected.
FL-2	Fleet Point of Contact	Text	Name of individual designated as the person primarily responsible for submitting the data associated with the vehicles in this fleet.
FL-3	Fleet POC Email	Text	Email address information for the person designated as Fleet Point of Contact (FL-2).
FL-4	Fleet Comment	Text	Optional comment associated with fleet.
Per-Vehicle Information			
Vehicle Attributes			
Identifier	Element Name	Type/Format	Description
A-1	Unique Vehicle Identifier	Text	Any identifier--Vehicle Identification Number (VIN), asset identifier, or other--that is unique within the agency (i.e., cannot ever be reused within the agency), is permanent (i.e., cannot ever change for a given vehicle), and avoids potential security concerns. Based on the requirement for permanence, agencies should not use

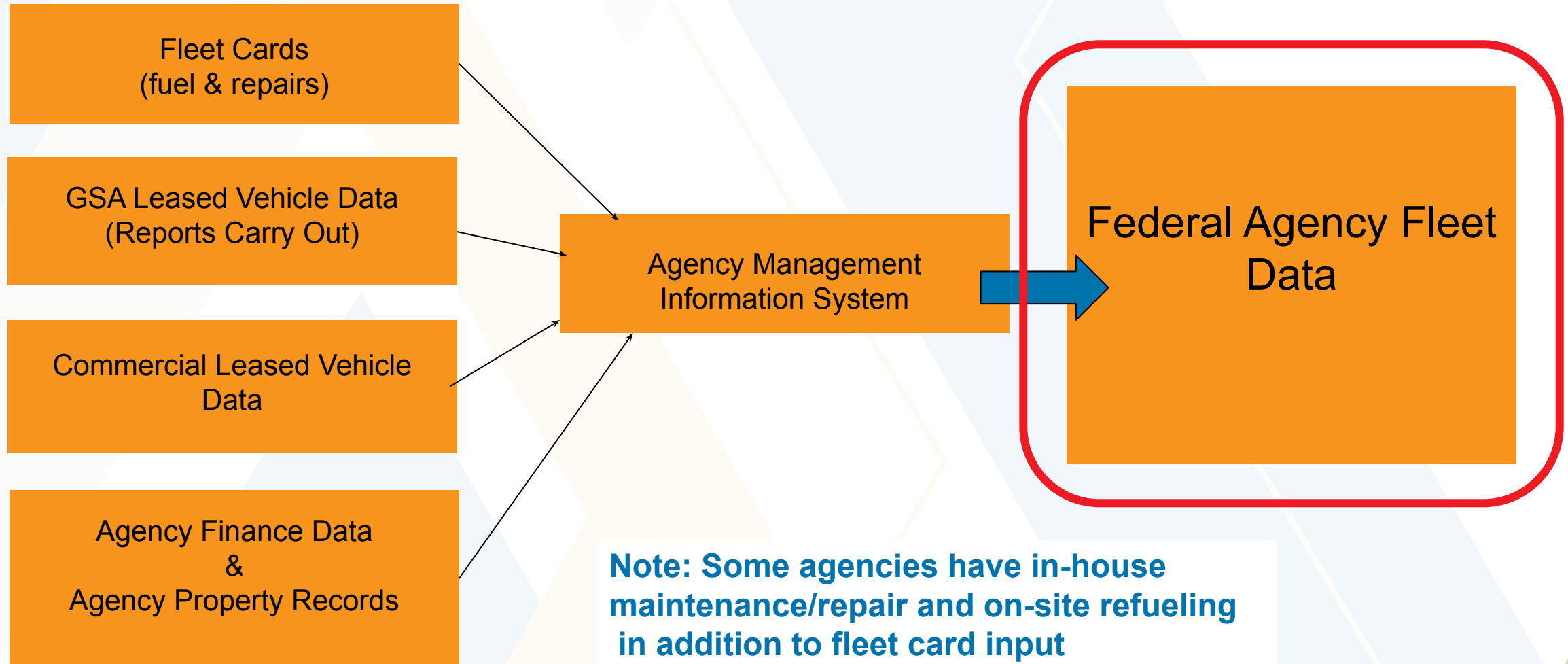
How Data Moves



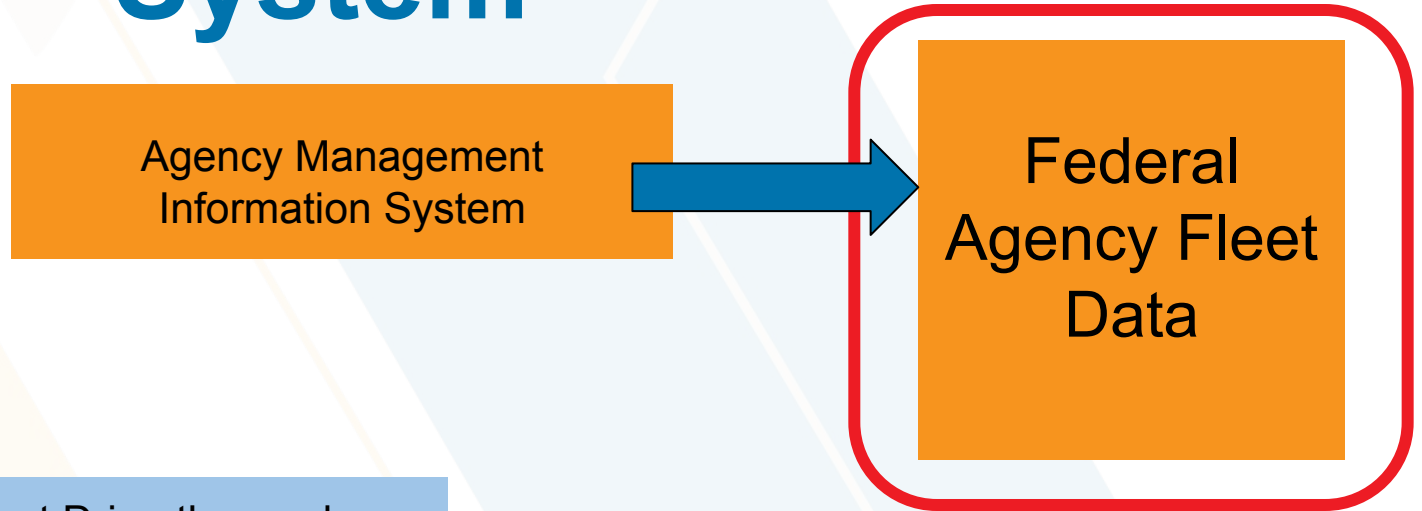
Where Does Agency Data Come From?



Where Does Agency Data Come From?

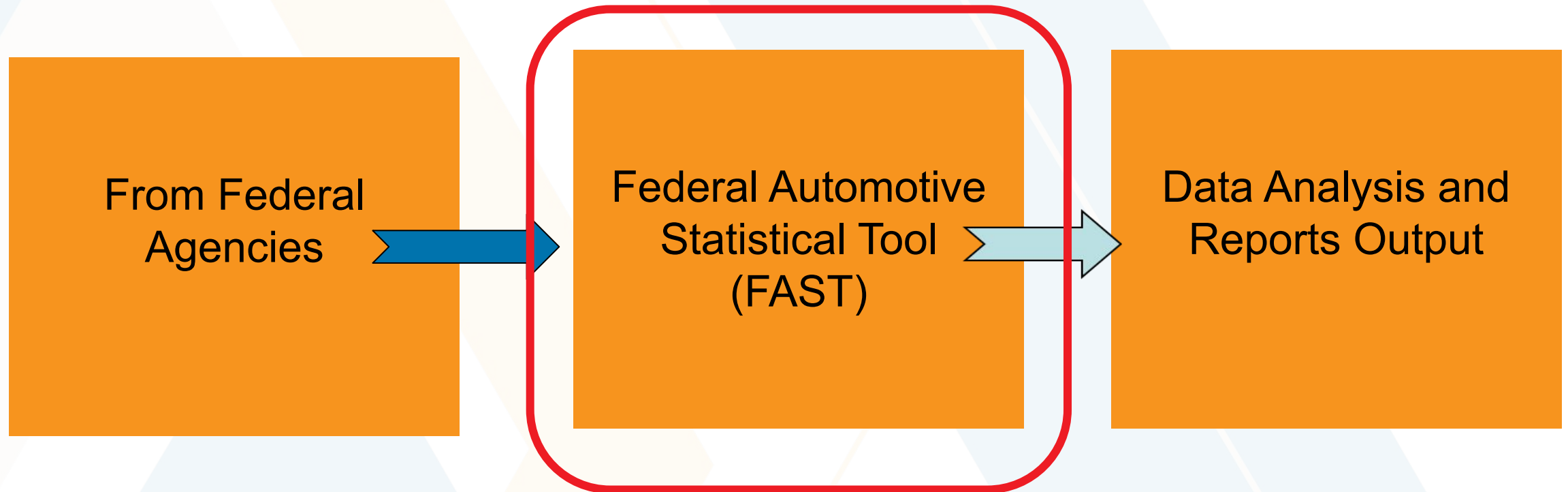


Agency Management Information System

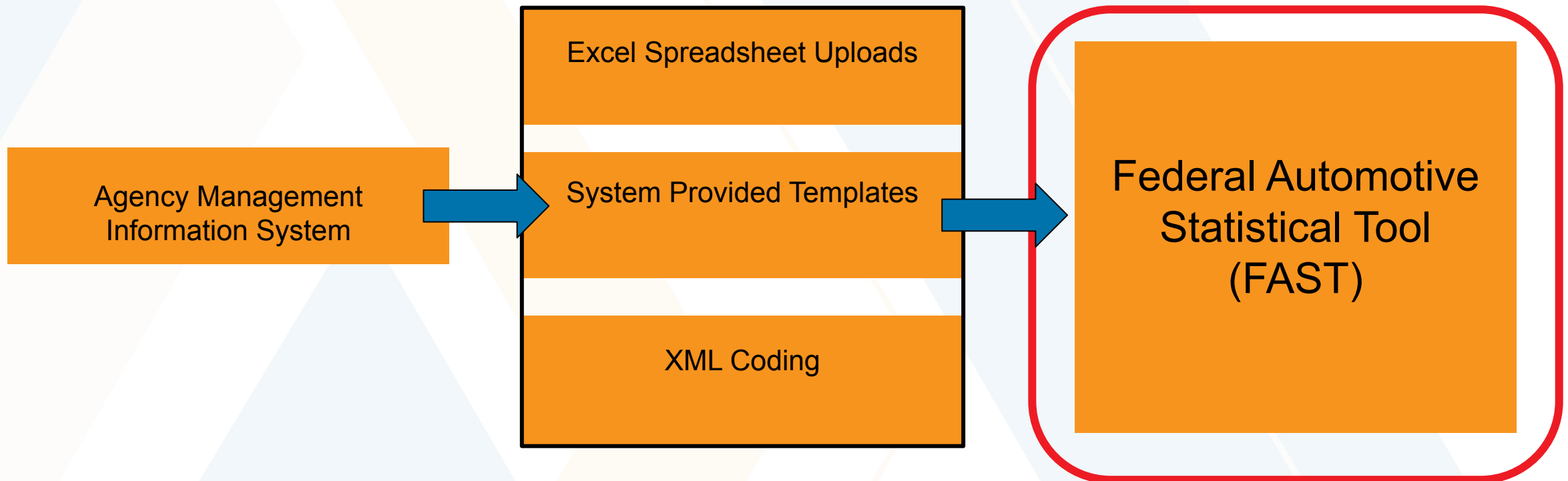


Note: Agencies may use GSA Fleet Drive-thru and incorporate Customer Driven Data for their GSA leased vehicles. Optionally, agencies may also use GSA's Federal Fleet Management System (FedFMS) for their agency owned vehicles.

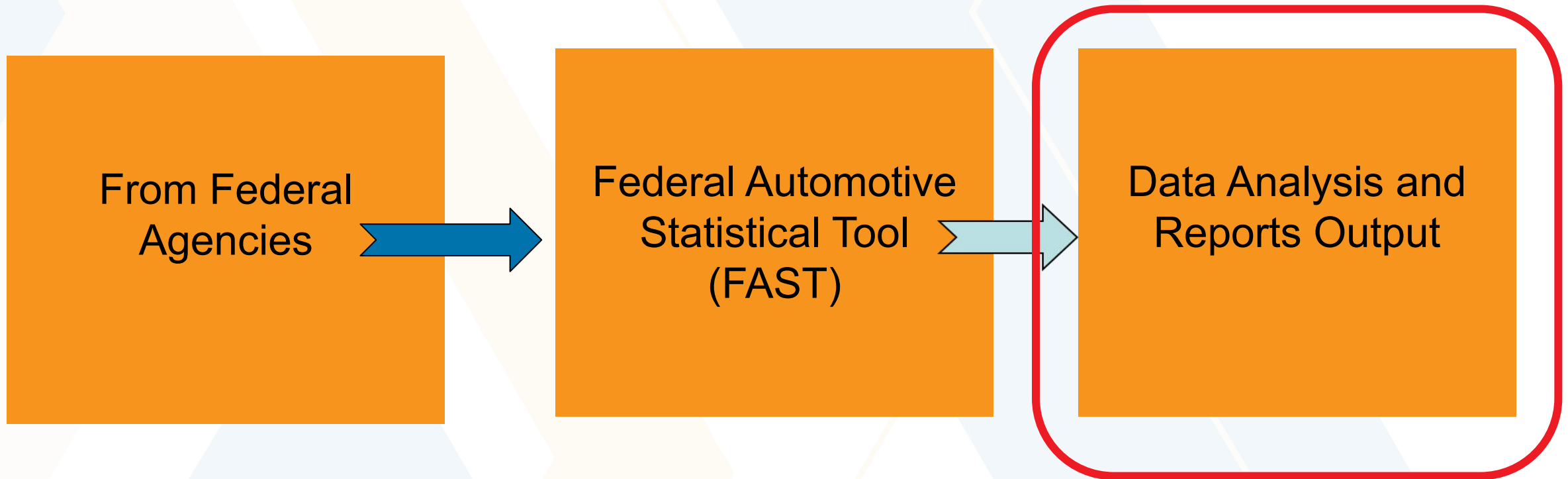
How Does Data Move to the Reporting System?



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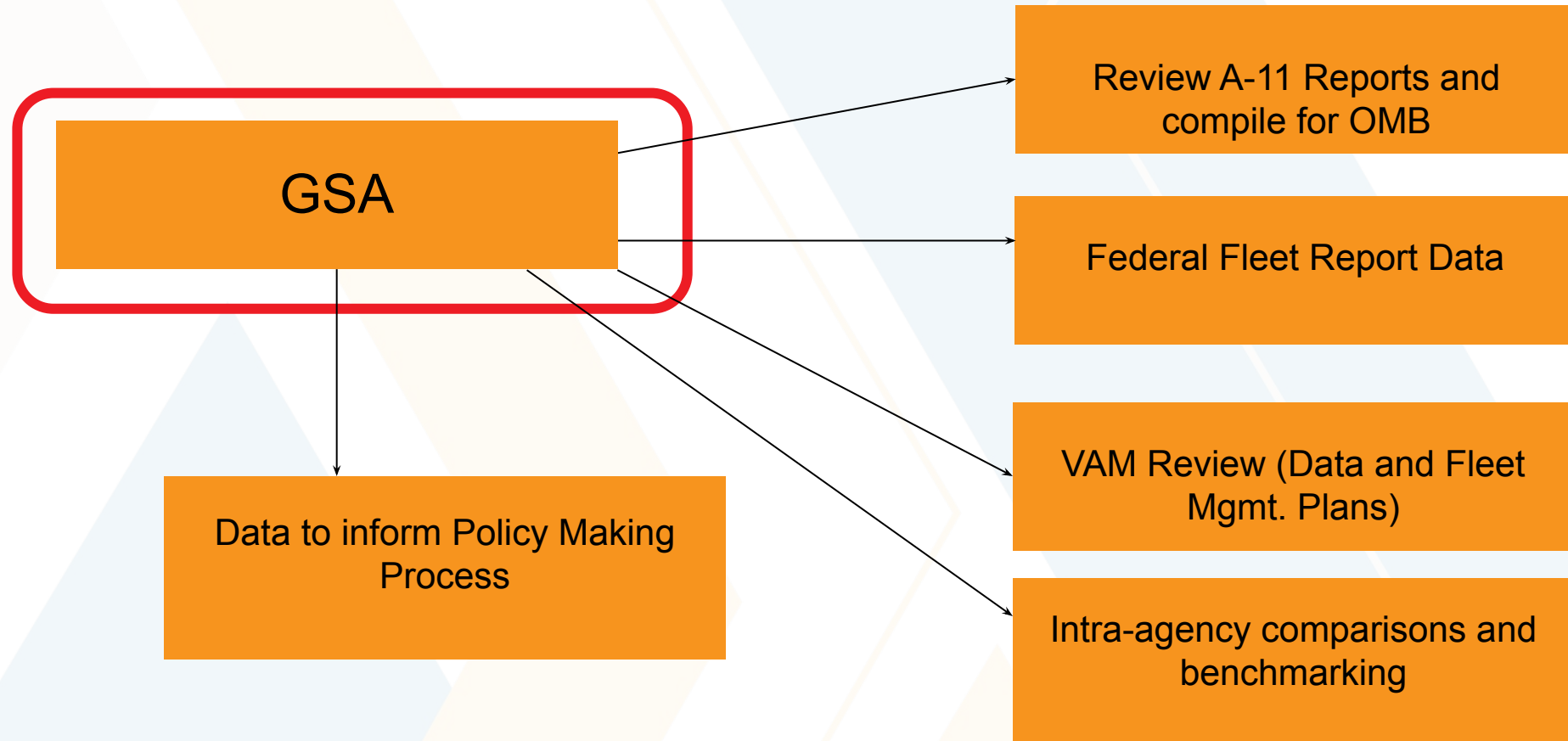
What is Reported Vehicle Data Used For?



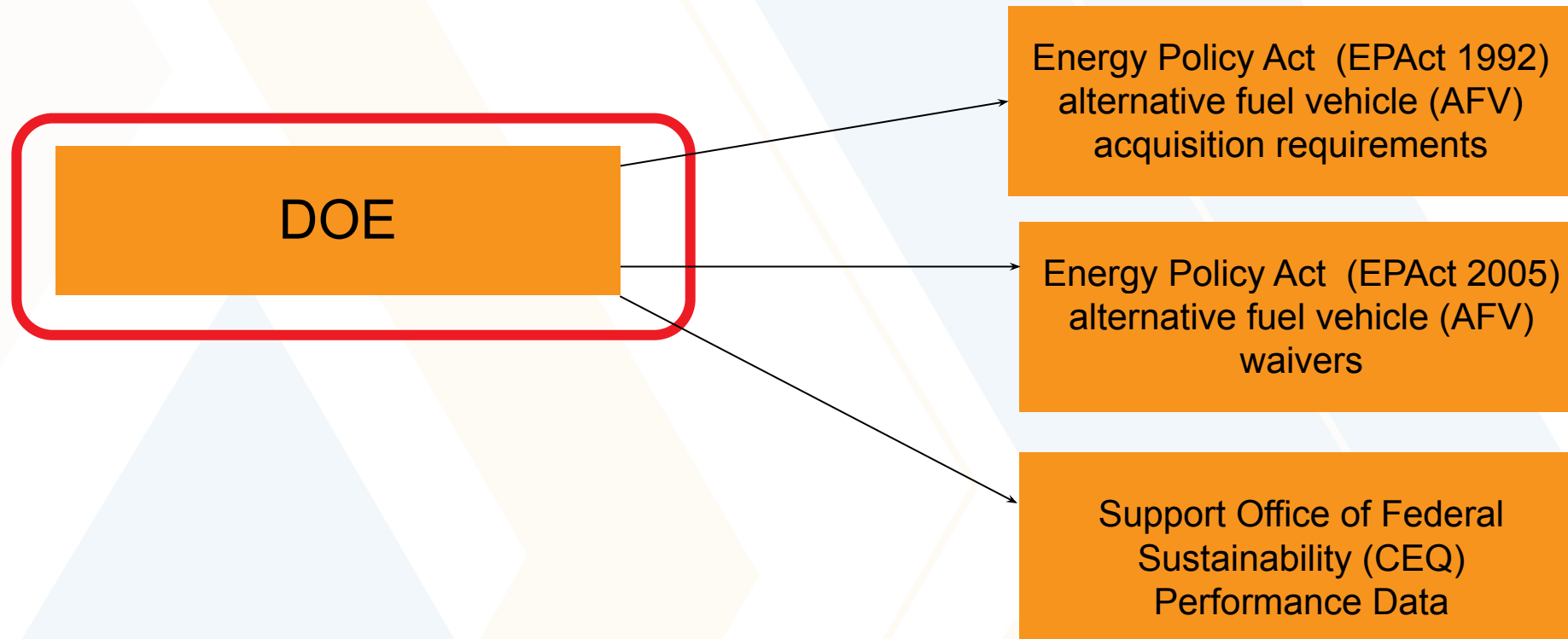
What is Reported Vehicle Data Used For?



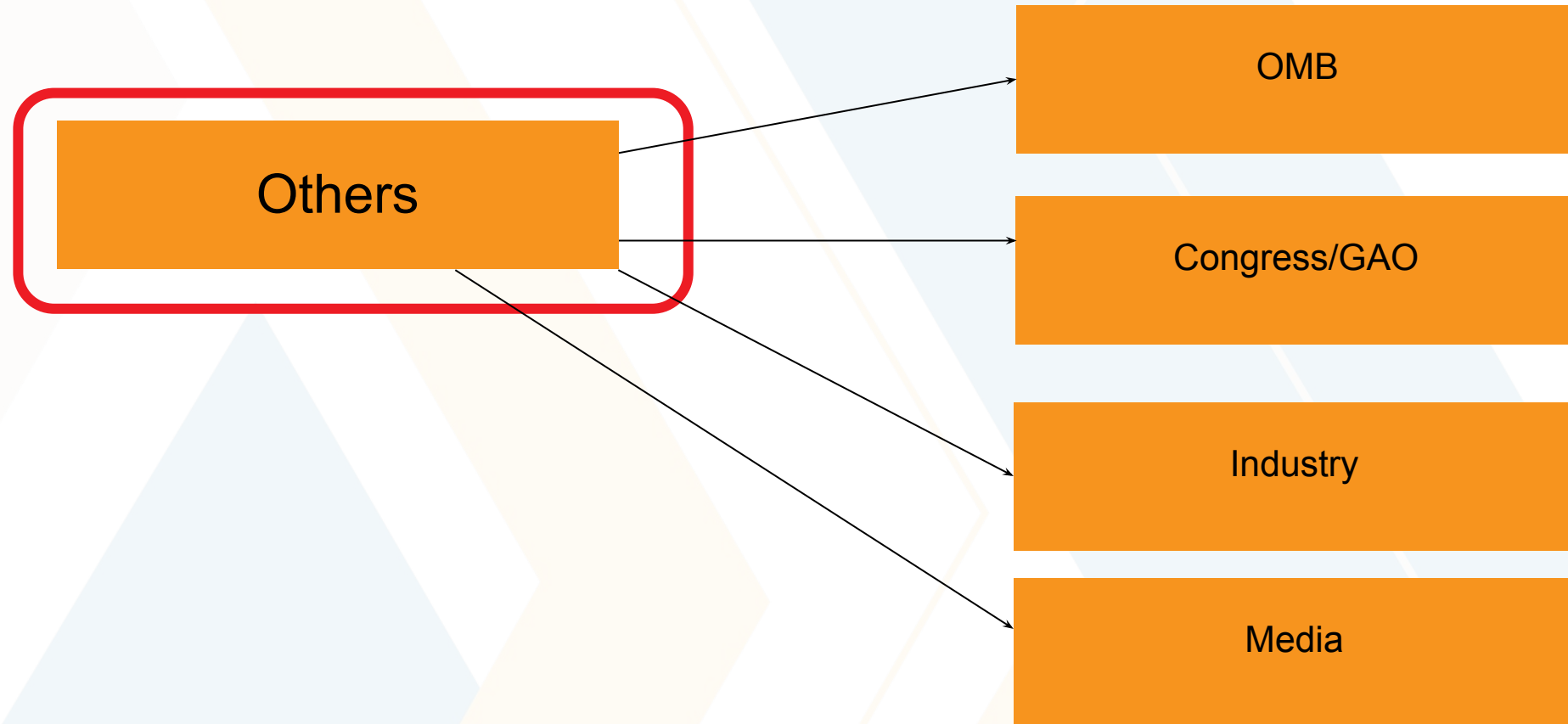
What is Reported Vehicle Data Used For?



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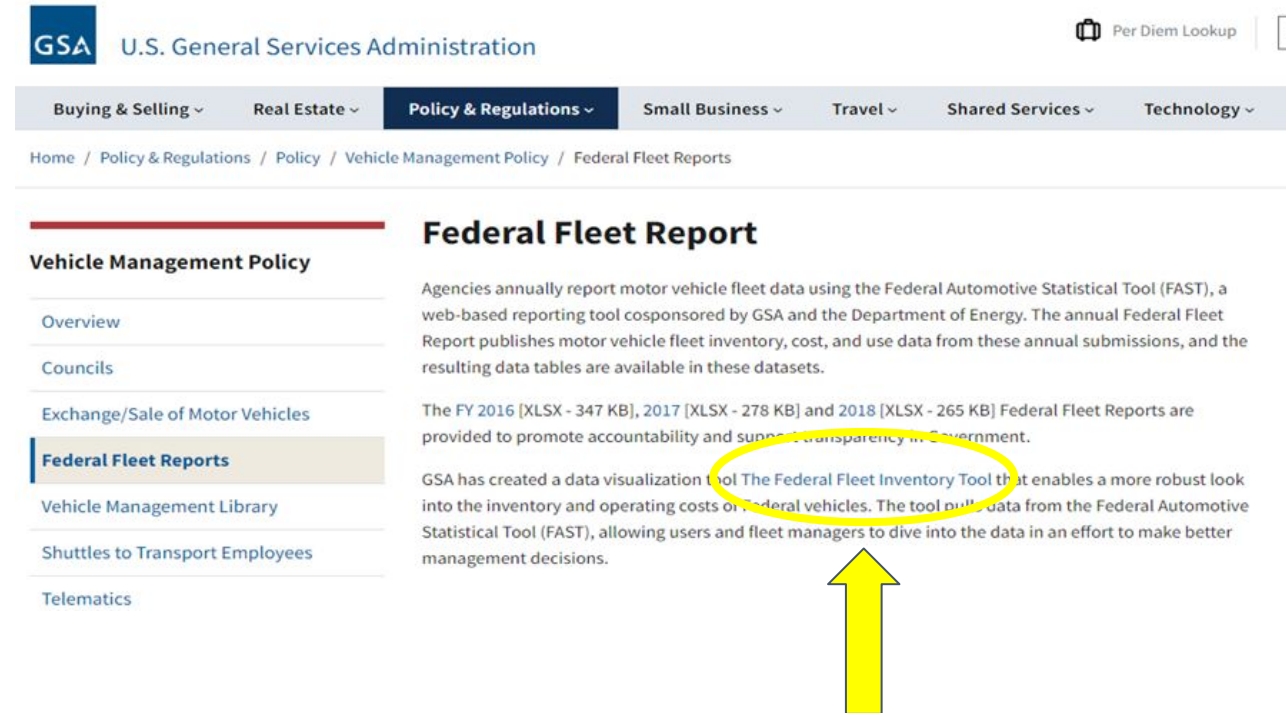
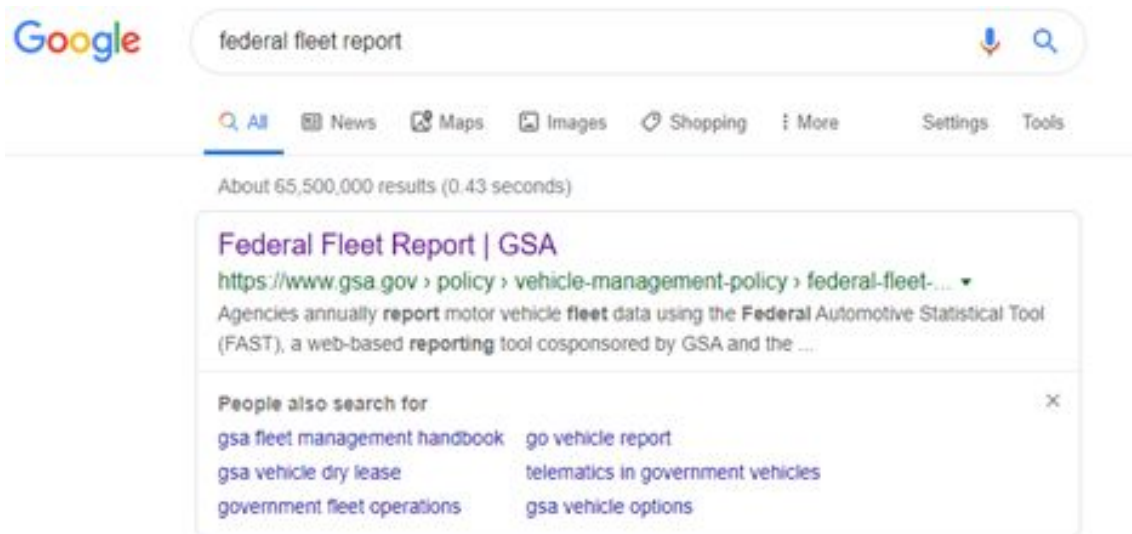
What is Reported Vehicle Data Used For?



Federal Fleet Inventory Tool – How to Find It

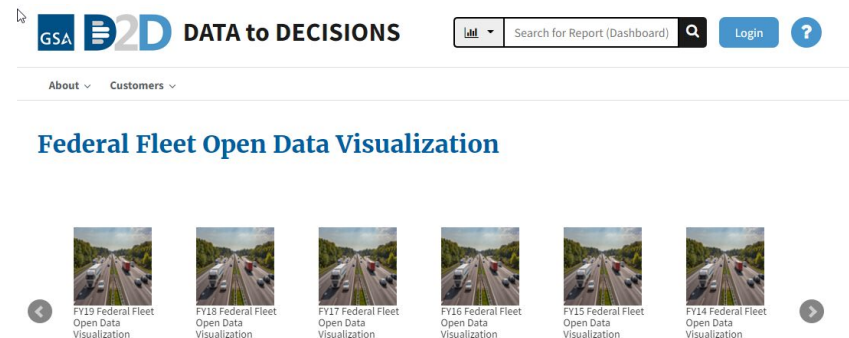
1) Google “Federal Fleet Report”

2) Click on “The Federal Fleet Inventory Tool”



Federal Fleet Inventory Tool

- Federal Fleet Open Data Visualization uses the same data as the Federal Fleet Open Data Set in Excel but is designed in a more user friendly way
- Tool makes fleet data easier to understand and useful for informed decision making
- Publically available on D2D website for FY14-FY19 data



Direct Link:

<https://d2d.gsa.gov/report/federal-fleet-open-data-visualization>

Federal Fleet Inventory Tool - FY19 Data

Clickable tabs across the top to allow for different views of the data.



GSA

Federal Fleet

FY 2019 Federal Fleet Open Data Set - Tableau Visualizations

last updated: 04/30/2020

Download feature to allow for exports of images or pdfs.

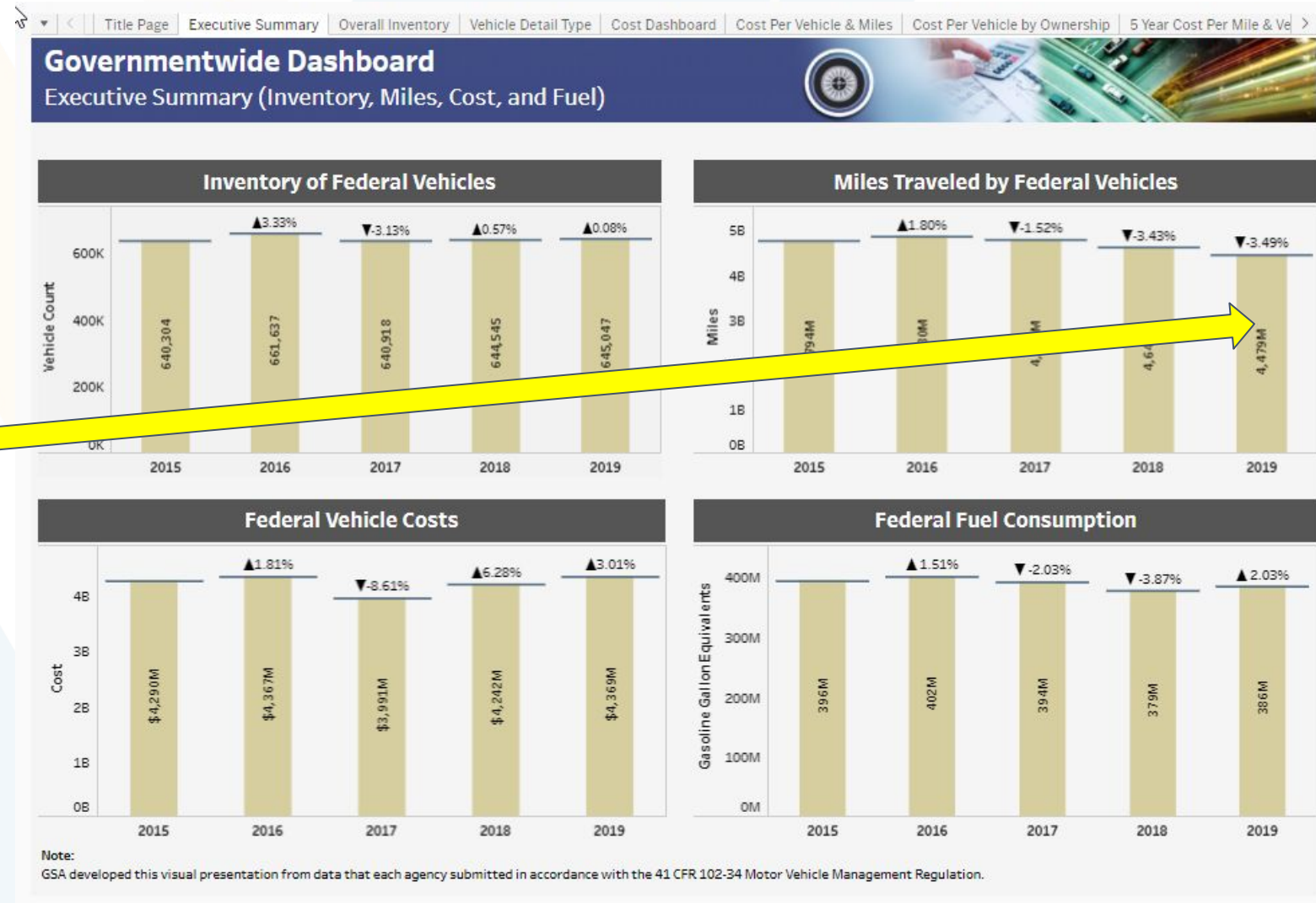


Undo → Redo ← Revert ↻ Refresh ⏸ Pause

Ask Data Share Download Full Screen

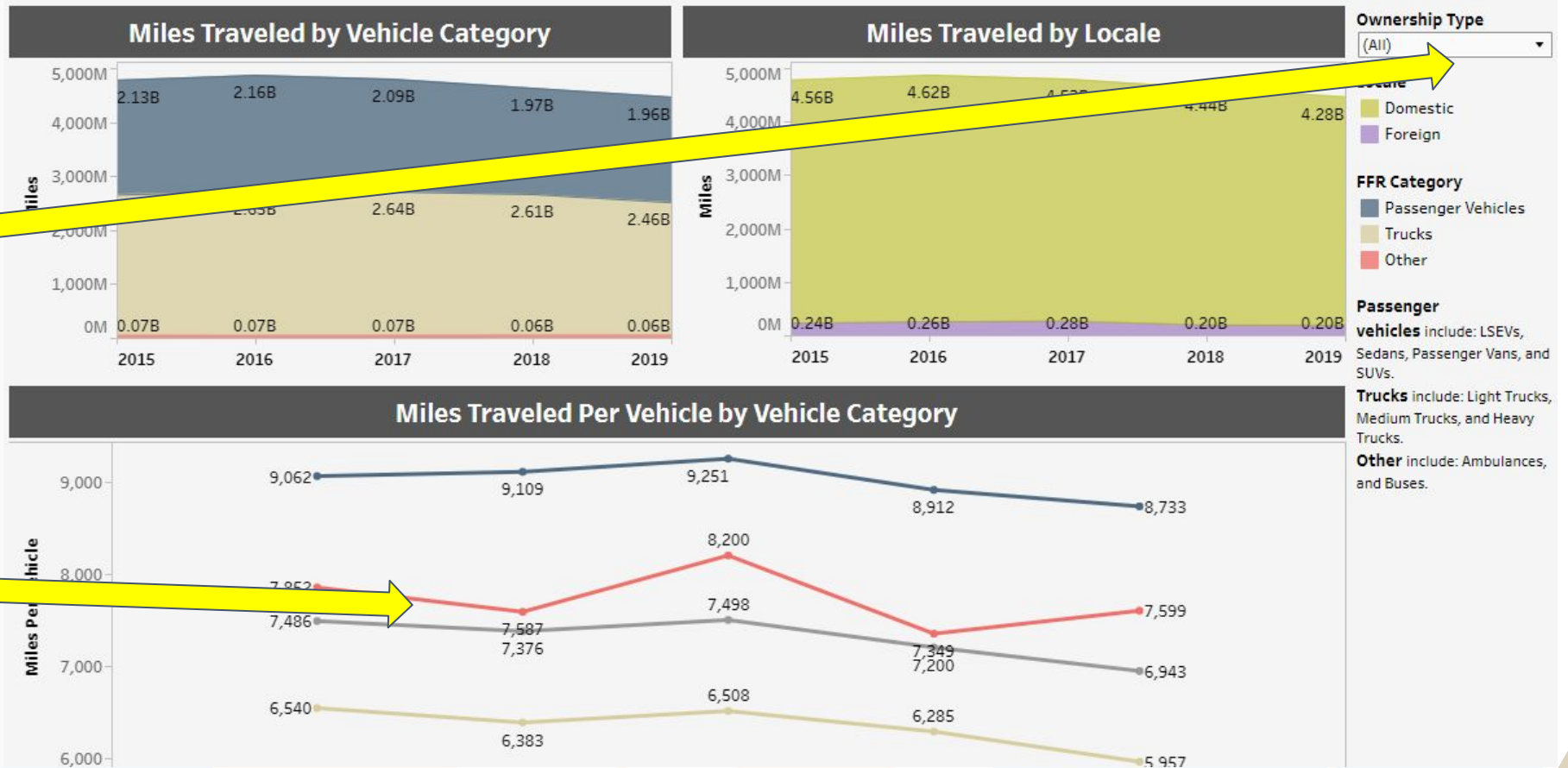
Government-Wide Summary

Easy to see changes from the previous year. We can see that miles traveled decreased across government as a whole from 2018 to 2019.



Government-Wide Summary

Governmentwide Dashboard Miles Traveled



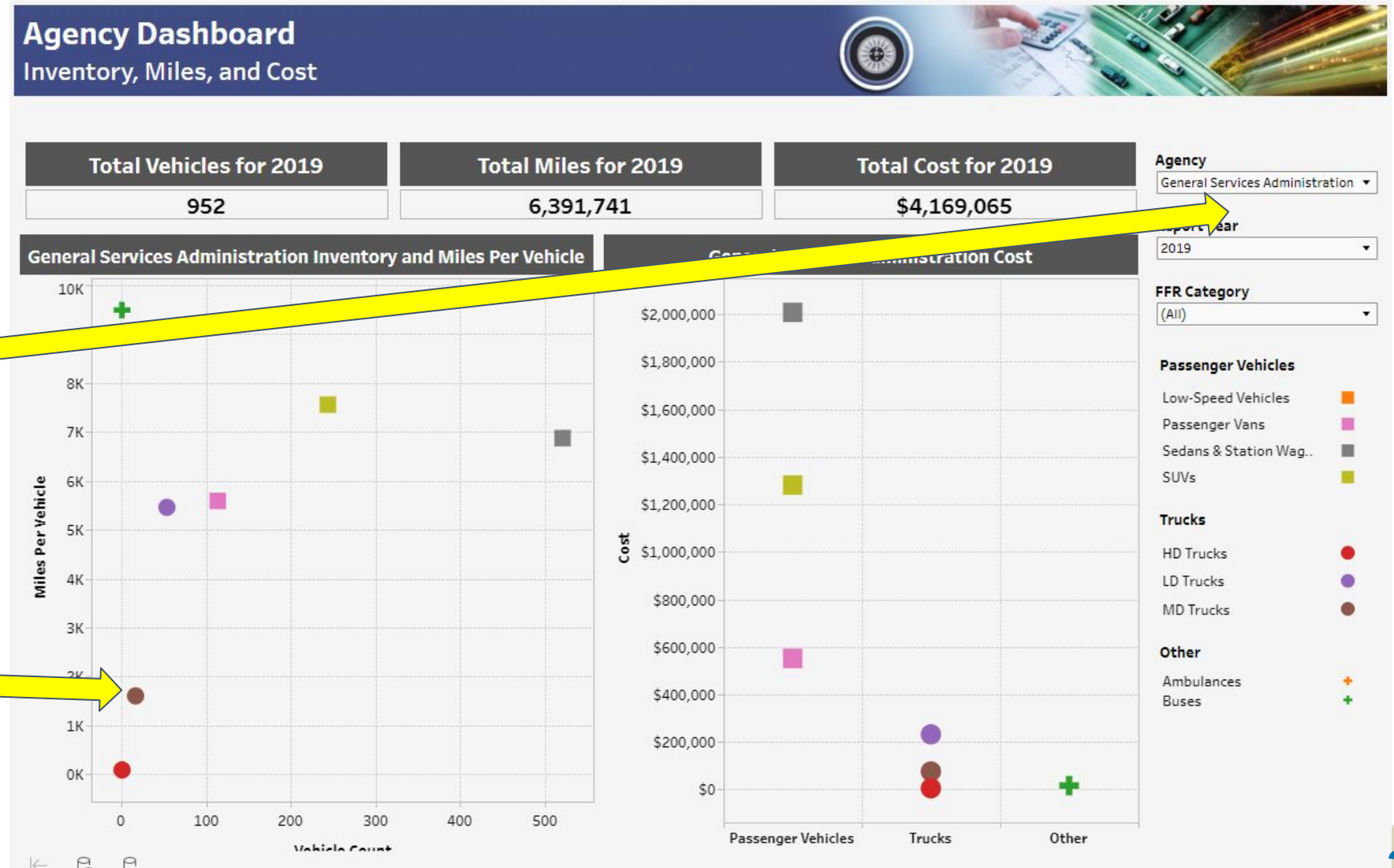
Filters allow
for user
interactivity.

Five year trend
data is easy to
comprehend in
a visual format.

Agency Specific View

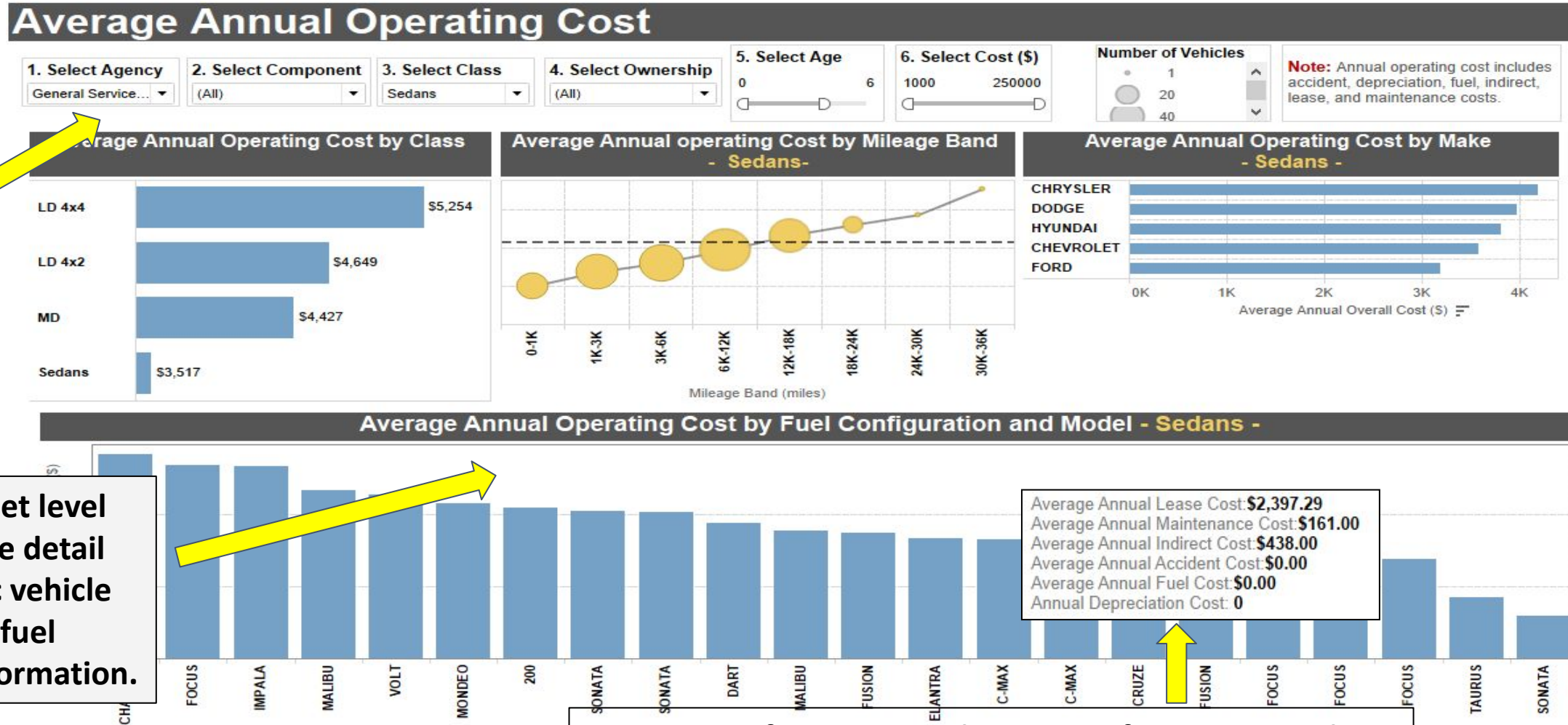
Select your agency from the filter for a more detailed view of your fleet breakdown.

More detailed, agency-specific ways to look at the data.



Projecting the Impact of Fleet Decisions: ALD Analysis Capabilities

Filters allow users to make selections on how they want to see the data, and the data will dynamically update.



Data at the asset level allows for more detail such as specific vehicle model and fuel configuration information.

Hover over feature provides more information, such as cost information broken down to a more specific level

Average Cost per Mile

1. Select Agency

General Service...

2. Select Component

(All)

3. Select Class

Sedans

4. Select Ownership

(All)

5. Select Age

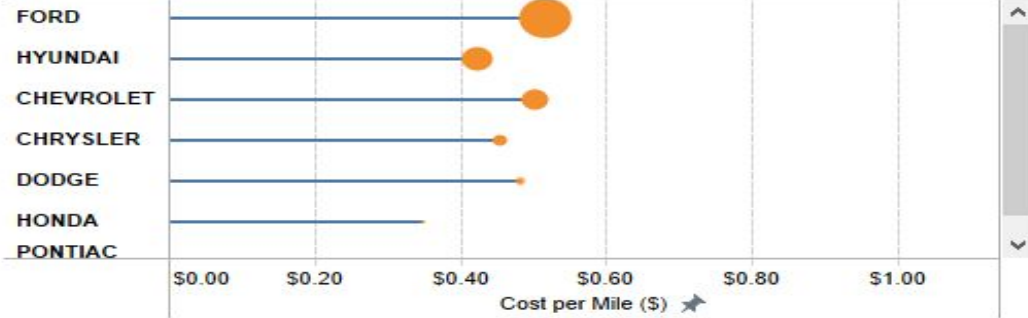
1 10

6. Select Cost per Mile

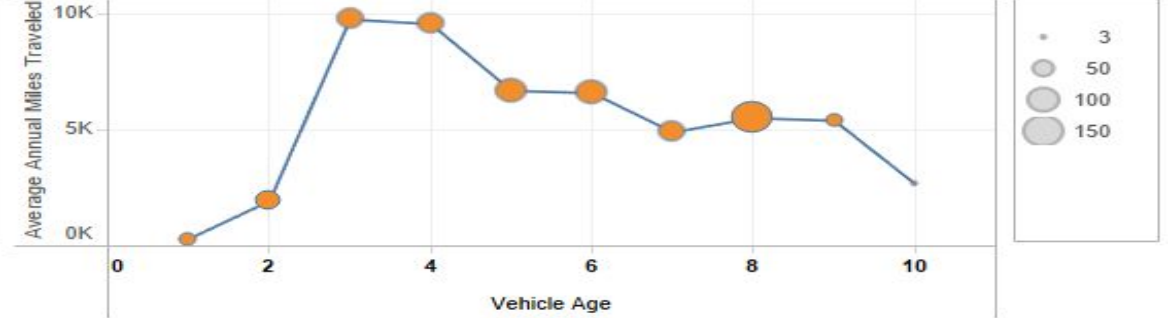
0.000 2.000

Note: Annual operating cost includes accident, depreciation, fuel, indirect, lease, and maintenance costs.

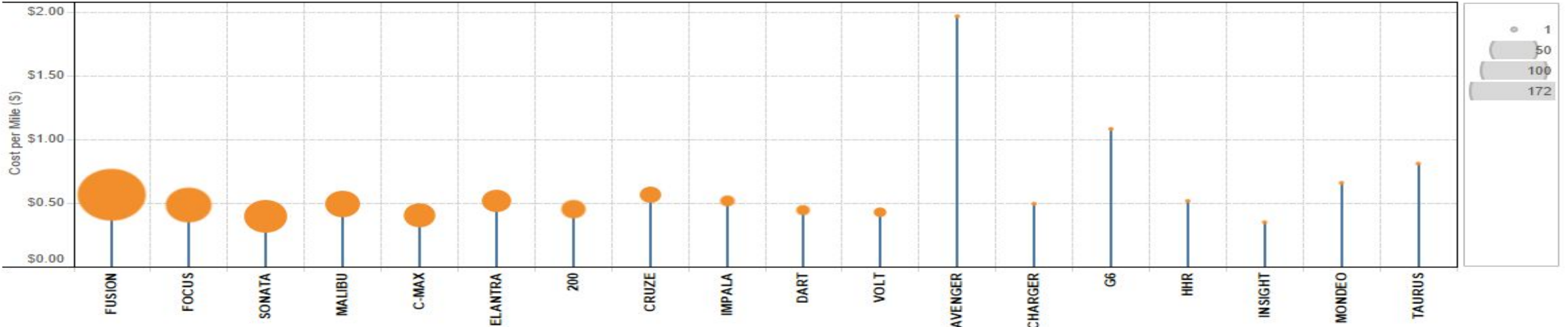
Average Cost Per Mile by Vehicle Make - Sedans



Average Miles Traveled by Vehicle Age - Sedans



Average Cost Per Mile by Vehicle Model - Sedans



Asset Level Data allows for more detailed analysis such as average miles traveled by vehicle age and average cost per mile by vehicle make and model.

Summary Dashboard

1. Select Agency
(All)

2. Select Class
Sedans

3. Select Ownership
(All)

Number of years
0 83

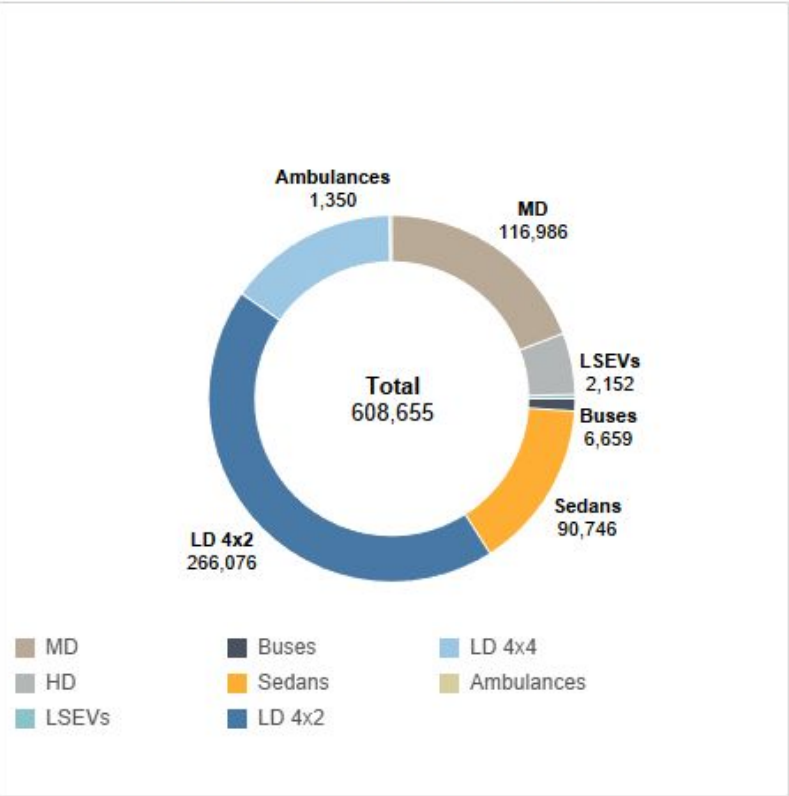
5. Select Duration
(All)

Note: Annual operating cost includes accident, depreciation, fuel, indirect, lease, and maintenance costs.

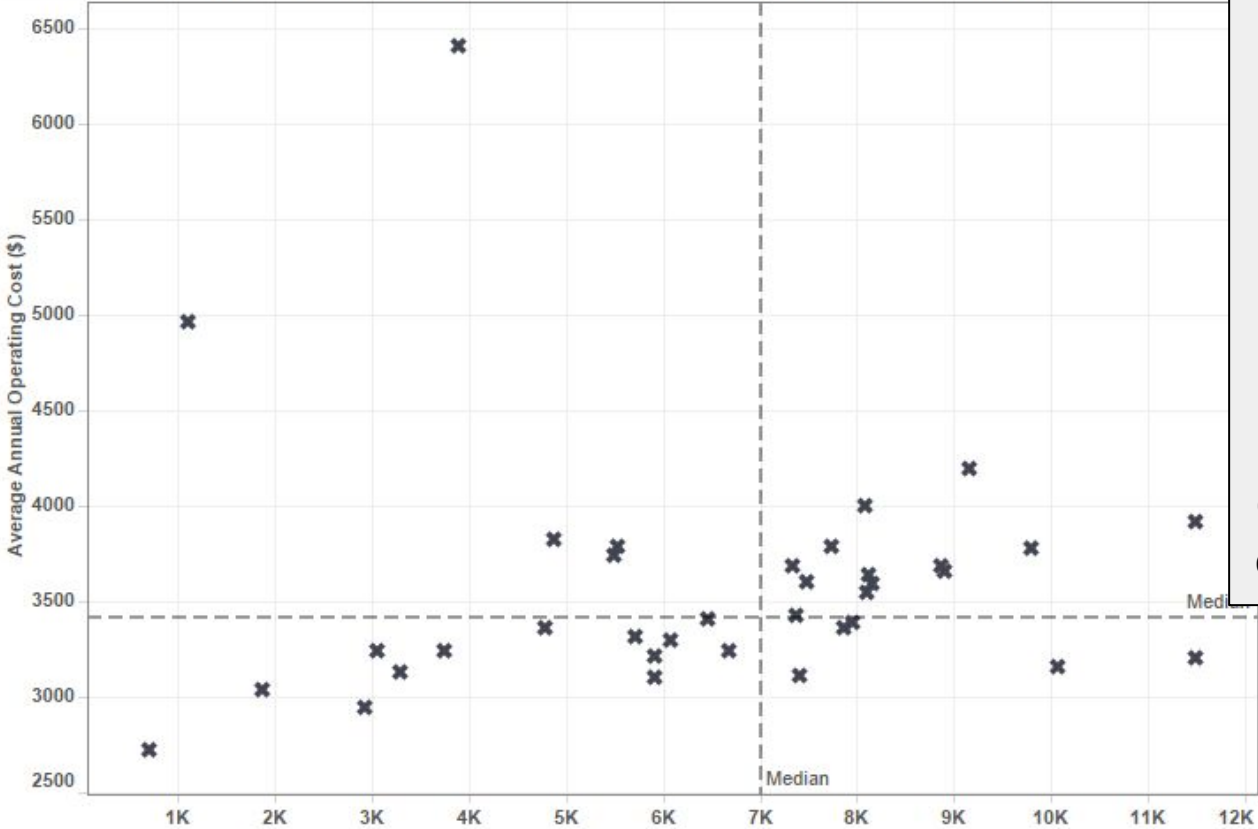
Vehicle Class: **Sedans**

Total Number of Vehicles	Total Operating Cost (\$)	Total Miles	Total Fuel Volume GGE
90,746	\$330,418,383	753,586,803	28,943,271

Number of Vehicles by Class



Average Annual Operating Cost vs. Average Annual Miles



Analysis can also explore annual costs, total inventory, operating costs versus annual miles traveled, etc. This can provide insight and inform decisions since there are many different ways to explore the data.

What Can We Look Forward to in the Next Year?

- ALD data will continue to bring us the ability to conduct much more in depth analysis of our current fleets
- Data government-wide and at the agency level will be more reliable as the data becomes better to validate and check for errors
- Data can be used to inform policy decisions to make agency fleets more efficient
- Ultimately using data to drive smart decisions across the Federal Fleet!

Contacts & Resources

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Thank you for attending today's Desktop Workshop

For additional information on this topic contact:

vehicle.policy@gsa.gov

Looking for more federal fleet training?

- Check out the Federal Fleet Manager Certification Program - www.gsa.gov/ffmcp
- Register for future GSA Fleet Desktop Workshops - gsa.gov/gsa-fleet-training
- View pastDesktop Workshops at <http://bit.ly/DtWRecordings>



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